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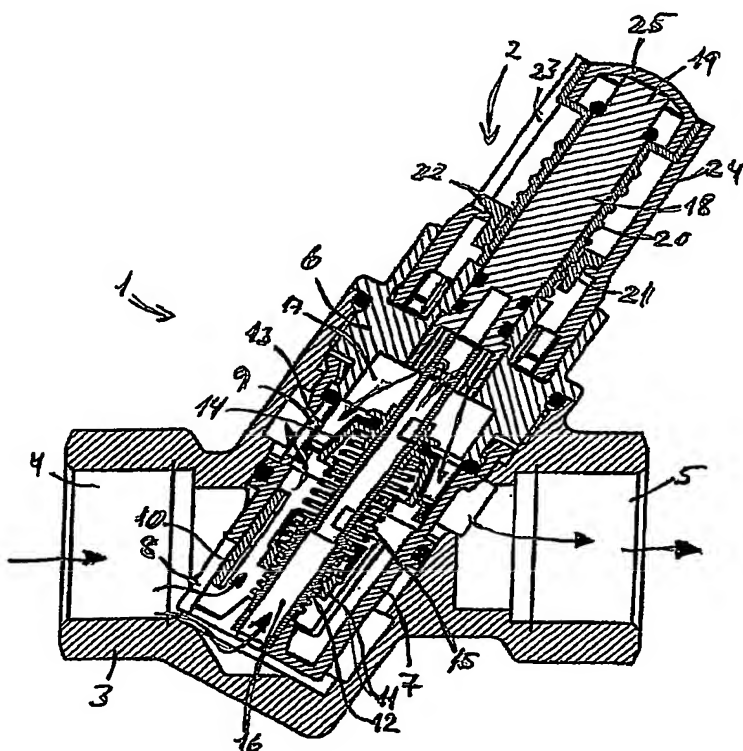
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(54) Title: **AN ADJUSTABLE REGULATOR INSERT WITH LINEAR SETTING/FLOW CHARACTERISTIC**



(57) Abstract: An adjustable regulator insert (2) for valves (1), in particular for controlling the liquid flow in a plant for central heating or air conditioning. The insert (2) comprises inflow openings (8) and outflow openings (9), wherein the outflow openings (9) are closed off in response to the difference in pressure across the insert (2) under the influence of a spring (15) that seeks to keep the outflow openings (9) open. The insert (2) is furthermore provided with means for adjustably closing off the inflow openings (8). The insert (2) is configured such that a certain degree of adjustable closure of the inflow openings (8) entails a compression of the spring (15) which is inversely proportionate with the closure. Hereby an approximately linear equilibrium between the degree of closure of the inflow openings (8) and the flow through the insert (2) is accomplished.

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